

Holland, Michelle

From: James Makepeace <james@makepeaceengineering.com>
Sent: Wednesday, February 28, 2024 1:08 PM
To: Nasonovs, Jurijs
Cc: Holland, Michelle; Gallagher, Matthew; Eric Glamm
Subject: Board of Public Works
Attachments: 1 UTILITY PLAN.pdf; 2 CONSTRUCTION DETAILS.pdf; 3 City Utilities.pdf; 4 Storm MH.pdf

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Ms. Holland,

On behalf of Benson Management LLC, we're sending materials for a request to connect to an existing catch basin in the alley north of Pine Street and between 11th and 12th streets N.

Matt Gallagher should be aware of this request already.

For the Board's consideration are the following:

1. Our proposed utility plan
2. Construction details showing connection to the existing manhole with a rubber boot.
3. A snapshot of city utilities that was provided to us by Jay Crandall.
4. A picture of the storm manhole at the intersection of 11th and Pine Street.

Benson Management Inc. is proposing a multi-family construction project as shown in the utility plan. City ordinances require post-construction stormwater bmp's which must discharge to the City's storm sewer system.

The nearest connection point is a catch basin immediately adjacent to our project at the south end of the 12" street cul-de-sac. However, this catch basin discharges to the existing sanitary sewer system. As such, we are not able to connect to this catch basin.

Another possible connection point is the existing 48" storm sewer in Pine Street to the south of our project. The attached city utilities snapshot shows that particular storm sewer at approximate elevation 647-648. The ground elevation at this location is approximately 670-671, making this storm sewer about 23-24 feet deep. Our own field work verified the accuracy of this information. The attached photo of the storm manhole at 11th and Pine Street show a 24' deep manhole. While technically possible, this connection would require very careful planning and would be a relatively monumental task. The entire street right-of-way would need to be closed for a week, the street, curb & gutter, and sidewalk excavated, the sanitary sewer supported, a new manhole constructed over the top of the 48" storm sewer, everything backfilled, and the street reconstructed. This cost would likely exceed \$150,000.00.

Another possible connection point is the existing catch basin in the alley adjacent to our project. While the catch basin is a bit north of our parcel, the connection is not complicated, and makes our project feasible. This is the connection point we are requesting permission for.

Thanks,
James Makepeace, P.E.
Makepeace Engineering LLC

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